



Safety Data Sheet

SDS Made: 12/9/2017

SECTION 1: Identification of the substance/mixture and of the company/undertaking

Product Name:	VMC Clean Maxx
Product Code:	VMC
Product Use:	FLOOR CLEANER
Manufacturer:	Mar-Tek Industries
Address:	301 Industrial Drive, Forney Texas 75126
Phone:	(214) 350-9401
Emergency Telephone Number	ChemTel Inc. (800) 255-3924 and +1(813) 248-0585

SECTION 2: Hazards Identification

Classification of the substance or mixtures:

GHS Classification:	Acute toxicity, oral	Category 4
	Skin corrosion/irritation	Category 2
	Eye irritation	Category 2

GHS Label elements, including hazards precautionary statements:

Signal word: WARNING
Pictogram



Hazard statements:	H302	Harmful if swallowed
	H315	Causes skin irritation
	H319	Causes serious eye irritation

Precautionary statements:

Prevention:	P264	Wash thoroughly after handling.
	P270	Do not eat, drink or smoking when using this product.
	P280	Wear protective gloves/protective clothing/eye protection/face protection.
	P260	Do not breathe dust or mists.
Response:	P301+312	IF SWALLOWED: Immediately call a POISON CENTER/doctor/physician. If you feel unwell.
	P330	Rinse mouth.
	P362+P364	Take off contaminated clothing and wash it before reuse
	P332+P313	If skin irritation occurs: Get medical advice/attention.
	P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
	P337+P313	If eye irritation persists: Get medical advice/attention.

Disposal: P501 Dispose in accordance to local, regional, national and international regulations.

Supplemental hazard statements: None

SECTION 3: Composition/Information on Ingredients

Chemical Name	Common Name	CAS No.	Classification		Content
			Hazard Class and Category	Hazard Code	
Glycol ether EB	Butyl Cellosolve	111-76-2	Acute Tox 4 Eye irrit 2 Skin Irrit 2	H302 H319 H315	1 -4 %
Balance of other ingredients are non-hazardous or less than 1% in concentration (or 0.1% for carcinogens, reproductive toxins, or respiratory sensitizers).					>96%

SECTION 4: First aid measure

Description of first aid measures:

General Advice: Consult physician. Show this safety data sheet to the doctor in attendance.

If inhaled: Move victim to fresh air and keep at rest in a position comfortable for breathing.

In case of skin contact: Remove/take off immediately all contaminated clothing. Rinse skin with water/shower. If irritation persists, consult doctor/physician.

In case of eye contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing.

If swallowed: DO NOT induce vomiting. Do not give anything by mouth to an unconscious person. Get prompt medical attention.

Most important symptoms and effects, both acute and delayed: Skin and eye exposure may cause irritation.

SECTION 5: Fire-fighting measures

Suitable extinguishing media: Use appropriate media adjacent to fire. Cool containers with water.

Foam

Dry Chemicals

Halon

Special protective measure: No special measure required.

Further information: None

Specific hazard arising from the chemical: Carbon monoxide and carbon dioxide and whatever surrounding fire produces.

Advice to firefighters:

Protective equipment: Wear self-contained breathing apparatus.
Fire responders should wear eye protection.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures:

Wear suitable protective clothing, gloves and eye protection.

Environmental precautions: Do not allow product to reach to sewage system and ground water.

Methods and materials for containment and cleaning up: Absorb with liquid binding material (sand, diatomite, acid binders, universal binders and sawdust).

SECTION 7: Handling and storage

Precaution for safe handling: Prevent eye contact. Wear protective eyewear.

Do not eat, drink or smoke while handling. Wash thoroughly after handling.

Conditions for safe storage, including any incompatibilities: Keep material away from incompatible materials.

Keep container closed when not in use and store in well ventilated area.

SECTION 8: Exposure controls/personal protection

Engineering controls: Ventilation should be provided to control worker's exposure and prevent health risk.

Component	Exposure Limit	Basis	Entity
	2mg/m ³	REL	NOISH
Glycol ether EB	50ppm	PEL	OSHA
	20ppm	TLV	ACGIH
	5ppm	REL	NOISH

Personal protective equipment

Eye protection: Wear chemical safety glasses or goggles.

Skin protection: Wear nitrile or rubber gloves. Apron or lab coat.

Respiratory protection: Not required when use in well ventilated area.

Personal hygiene: Keep away from food and animal feeds. Remove soiled clothing immediately. Avoid breathing gas/fumes/aerosols. Wash skin thoroughly after handling this product.

SECTION 9: Physical and chemical properties

Appearance

Physical state: Liquid

Color: Colorless

Odor: Pleasant

Odor threshold: Not determined

pH: 7-8

Melting point/freezing point: Not determined

Initial boiling point/boiling range: Not determined

Flash point: Not determined

Evaporation rate: Not determined

Flammability (solid, gas)

Upper/Lower flammability or explosive limits

Flammability limit-lower (%): Not available

Flammability limit-upper (%): Not available

Volatile Organic Compounds (VOC): Not determined

Vapor pressure: Not applicable

Vapor density: Not determined

Solubility (ies): 100%

Specific gravity: Not determined

Partition coefficient

(n-octanol/water): Not determined

Auto-ignition temperature: Not determined

Decomposition temperature: Not determined

SECTION 10: Stability and reactivity

Reactivity: This product is not reactive.

Chemical stability: Stable under normal condition of storage and use.

Possibility of hazardous reactions: Will not occur

Condition to avoid: Incompatibles

Hazardous decomposition: Carbon dioxide and carbon monoxide may form when heated to decomposition.

SECTION 11: Toxicological information

Acute toxicity:

Glycol ether EB: Oral LD₅₀ 1480mg/kg (rat)

Dermal LD₅₀ 400mg/kg (rat)

Irritancy: This product is expected to cause irritation the skin, eyes and respiratory system.

Sensitization to the product: This product is not expected to cause skin sensitization.

Germ Cell Mutagenicity: This product contains ingredients that are suspected to be a germ cell mutagenic.

Reproductive Toxicity: This product is not expected to be a human reproductive toxicant.

Potential health effect

Eyes: Causes eyes irritation

Inhalation: May cause respiratory irritation.

Skin: Prolonged and repeated contact may cause irritation to skin.

Ingestion: Single dose cause low toxicity. Swallowing large amount may be harmful.

Carcinogenic categories:

IARCH -111-76-2 Glycol ether EB

NTP – None of the ingredients listed.

SECTION 12: Ecological information

Aquatic toxicity:

Glycol Ether EB	111-76-2	LC ₅₀ – Fish	200 mg/l – 96h
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Persistence and Degradability: No specific data available on this product

Bio accumulative Potential: No specific data available on this product

Mobility in Soil: No specific data available on this product

Results of PBT and vPvB Assessment: No specific data available on this product

Others adverse effects: No data available

SECTION 13: Disposal consideration

Waste disposal method: Dispose of all the waste in accordance with all applicable federal, state and local health and environment regulations. Do not puncture, incinerate or compact. Partially empty cans must be disposed responsibly. Do not heat or cut empty containers with electric or gas torches.

Product containers: Completely empty cans should be recycled.

SECTION 14: Transportation information

US Department of Transportation

Shipping Name: Not regulated

Hazard Class: Not regulated

UN Number: Not regulated

Packaging Group: Not regulated

SECTION 15: Regulatory information

Safety, Health and Environmental Regulations Specific for the Substance or Mixtures:

Components	Regulatory Information
Glycol ether EB (1-4%)	<p>Listed (SARA_{311/312}) Acute health; No Chronic health; No Fire; No Reactivity; No</p> <p>U.S SARA Reporting Requirements:</p> <p>302 (EHS) No; 304 RQ No; 313 (RTI) Yes</p> <p>U.S CERCLA Reportable Quantity: None</p> <p>CERCLA Hazardous substance List: Listed</p> <p>U.S TSCA Inventory Status: The components of this product are listed on the TSCA Inventory or are exempted from listing.</p> <p>Other U.S Federal Regulation</p> <p>Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) list: Not regulated.</p> <p>Clean Air Act (CAA) 112r Accidental Release Prevention (40 CFR 68.130): Not regulated</p> <p>Safe Drinking Water (SDWA): Not regulated</p> <p>US state regulations: This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.</p> <p>US. Massachusetts RTK- Substance List Listed</p> <p>US. New Jersey Worker and Community Right-to-Know Act Listed</p> <p>US. Pennsylvania Worker and Community Right-to-Know Law Listed</p> <p>US. Rhode Island RTK Listed</p> <p>International Regulatory</p> <p>Listing of the components on individual country Chemical Inventories is as follows:</p> <p>Australian Inventory of Chemical Substances (AICS): Listed</p> <p>Korean Existing Chemicals List (ECL): Listed</p> <p>Japanese Existing National Inventory of Chemical Substances (ENCS): Listed</p> <p>Philippines Inventory of Chemicals and Chemical Substances (PICCS): Listed</p> <p>U.S. TSCA: Listed</p>

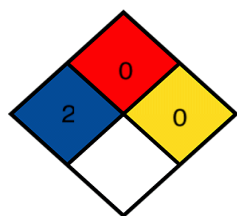
SECTION 16: Other information

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NFPA Rating

HMIS Rating

4 Severe hazards 3 Serious hazard 2 Moderate hazard 1 Slight hazard 0 Minimal hazard



HEALTH	2
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	

Abbreviation and acronyms

ACGIH	American Conference of Governmental Industrial Hygienists
CAS	Chemical Abstract Service
CEIL	Ceiling
CFR	Code of Federal Regulation
DOT	Department of Transportation
FDA	Food and Drug Administration
GHS	Globally Harmonized System
GRAS	General Recognize as Safe
HCS	Hazards Communication Standards
HMIS	Hazardous Materials Identification System

IDLH	Immediate Dangerous to Life or Health
NE	Not Established
NIOSH	National Institute of Occupational Safety and Health
NFPA	National Fire Protection Association
OSHA	Occupational Safety and Health Administration
PEL	Permissible Exposure Limit
REL	Recommended Exposure Limit
SARA	Superfund amendments and Reauthorization Act
STEL	Short Term Limit
TLV	Threshold Limit Value
TSCA	Toxic Substances Control Act
TWA	Time Weighted Average
WHMIS	Workplace Hazardous Material Information System
WEEL	Workplace Environmental Exposure Levels

Disclaimer: Mar-Tek industries provide the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This documentation is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product.

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